

System Condition Update

Spring Operations Review

July 11, 2013

2:00 – 3:00 p.m.

To participate in the call please dial: **(877) 336-1839**

When prompted, enter access code: 1687421

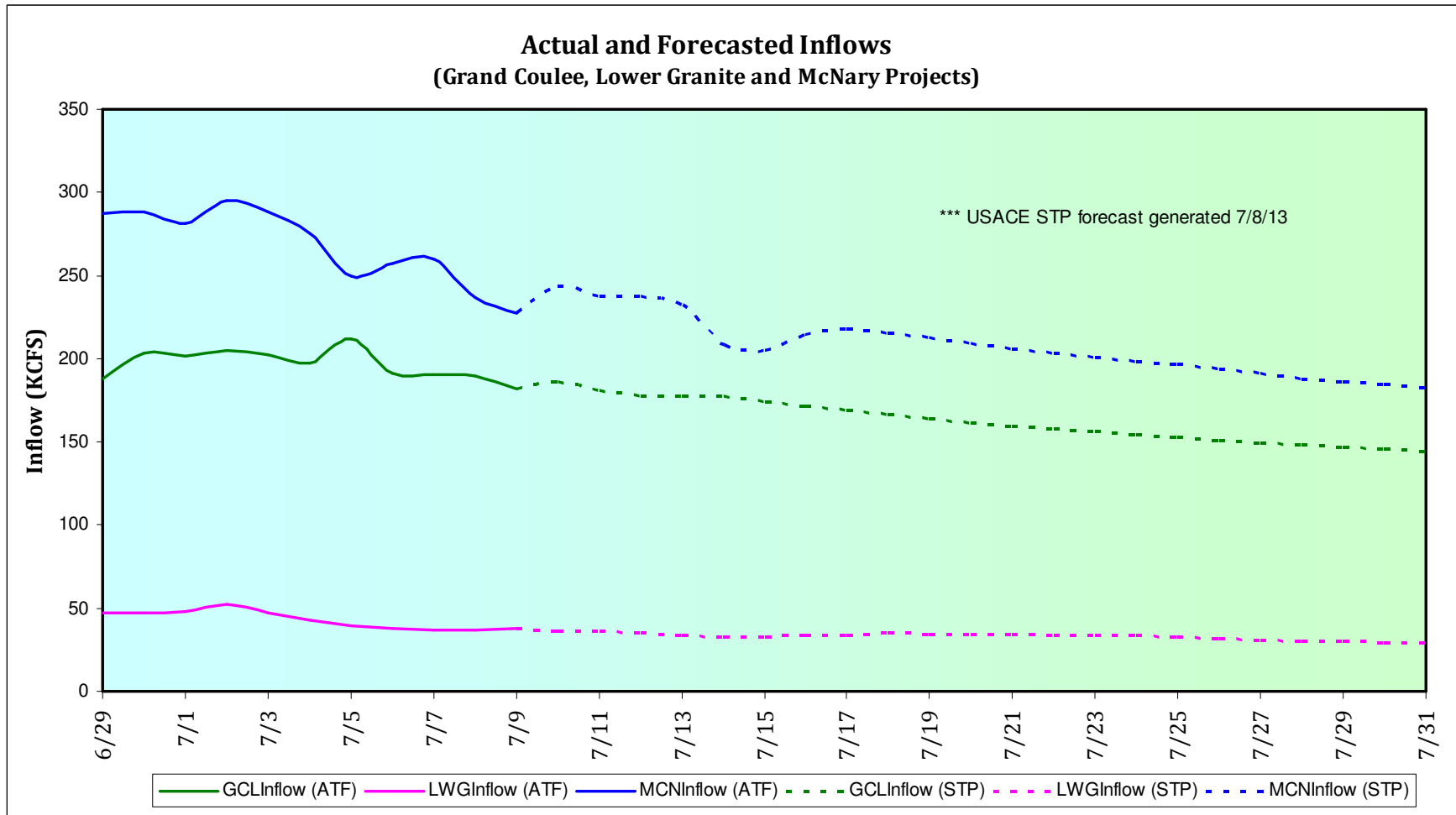
Hydro Operations Update

- The Federal Columbia River Power System has achieved refill objectives.
- Currently the system is being operated for summer flow augmentation per BiOp requirements.
- The NW River Forecast Center's July 9 Official Water Supply Forecast for January-July at The Dalles is 98.5 million acre-feet.

Actions to manage oversupply

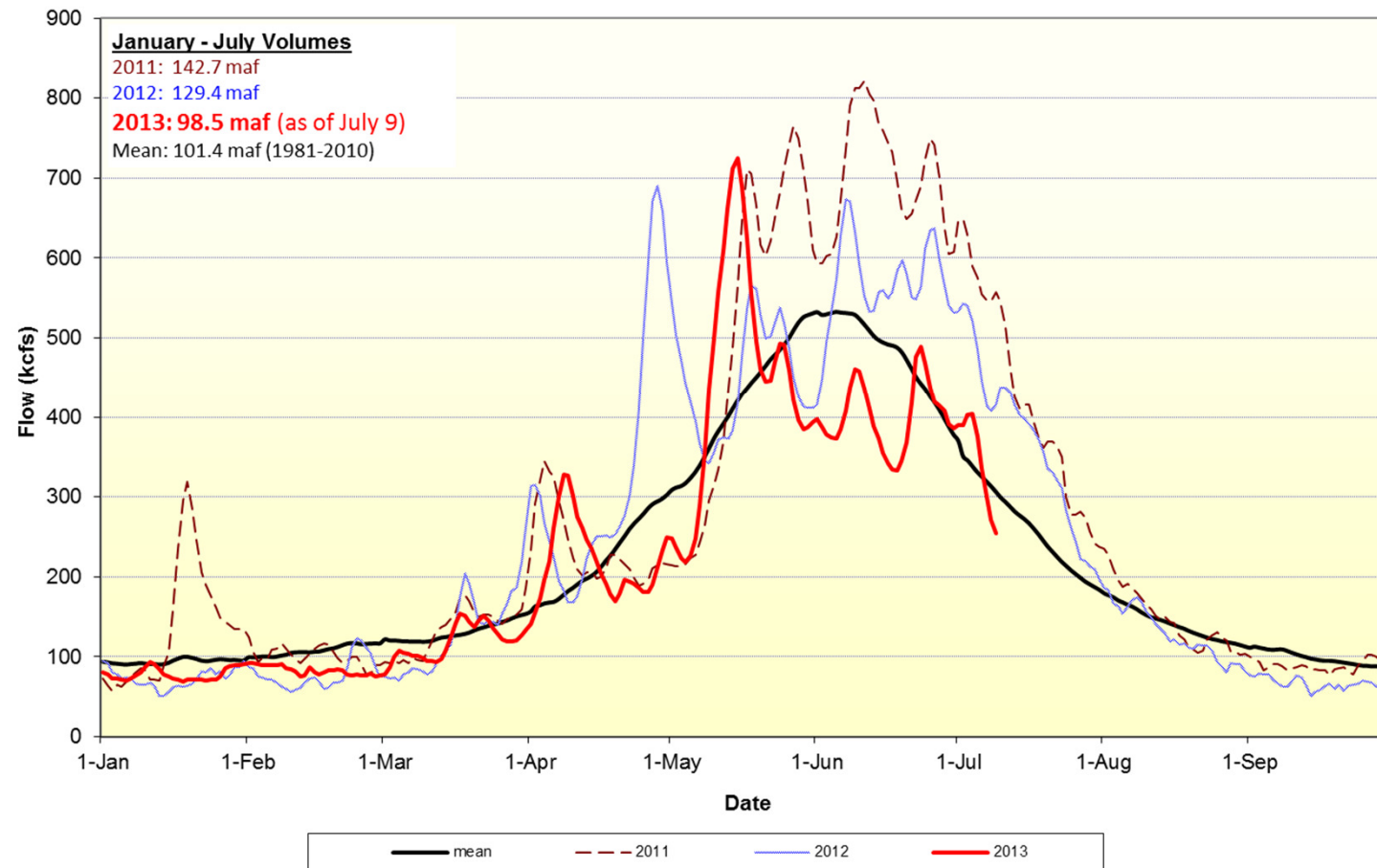
- To the extent possible BPA will coordinate spill exchange with the Mid-Columbia projects under the Mid-Columbia Spill Exchange agreement.
- BPA will attempt to maximize the amount of pump load with available pumping units during LLH's.
- Moved non-essential generator and transmission maintenance outages out of May and June.
- Have arranged to spill at the Willamette projects up to TDG limits.
- There has been spill due to lack of demand within water quality limits.
- Recallable energy is being used to reduce the amount of over-generation spill and OMP.
- INC/DEC will be reduced as necessary to manage TDG levels and reduce the chance of implementing OMP.
- BPA will exercise displacement options on power purchase agreements.
- CGS refueling outage is complete and the project is in the process of returning to service.
- BPA has made arrangements with a few counterparties to waive loss returns.

Actual and Forecasted Flows



Weather and Streamflow

Natural Flows at The Dalles



Weather and Streamflow

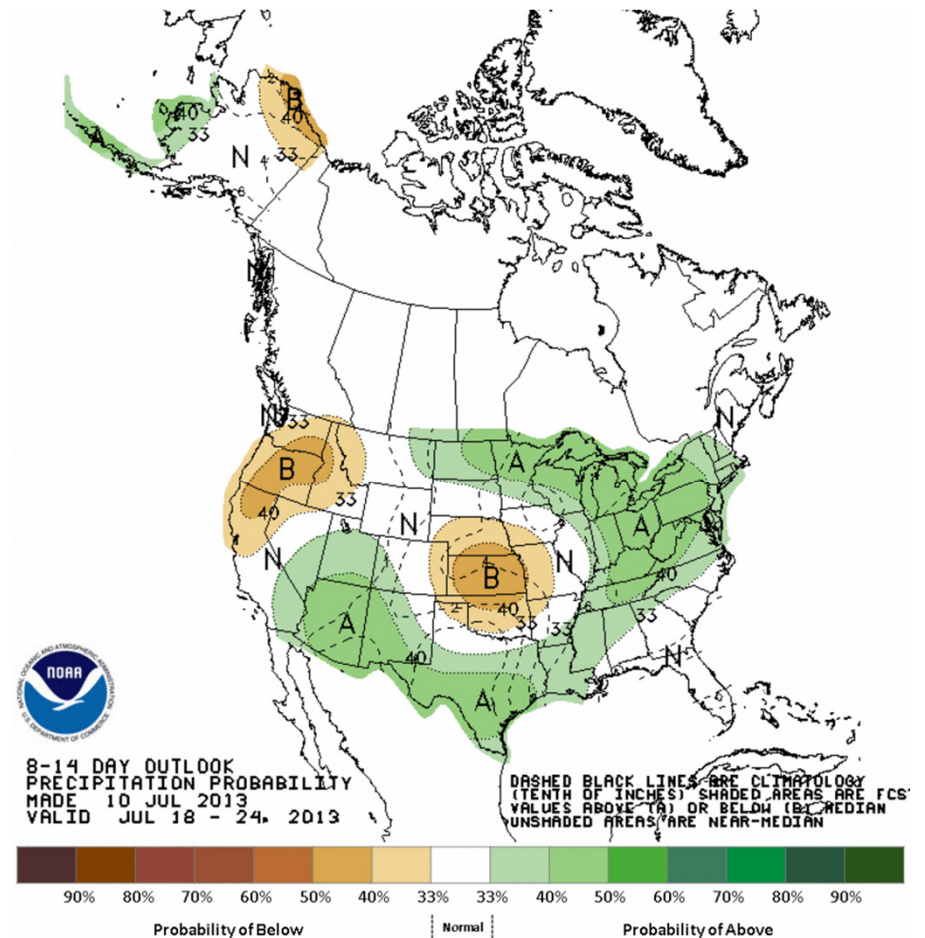
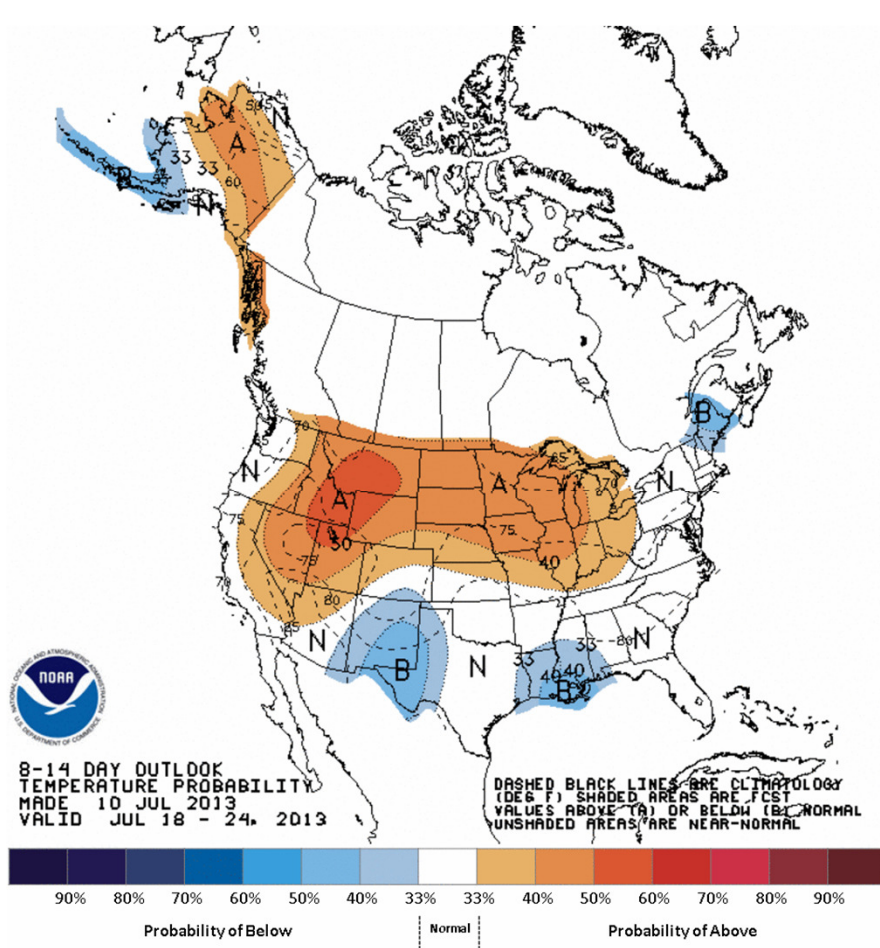
Volume remaining at selected sites (kAF)

Runoff-processor date:	Jul 9
RFC Volume Forecast:	Jul 9

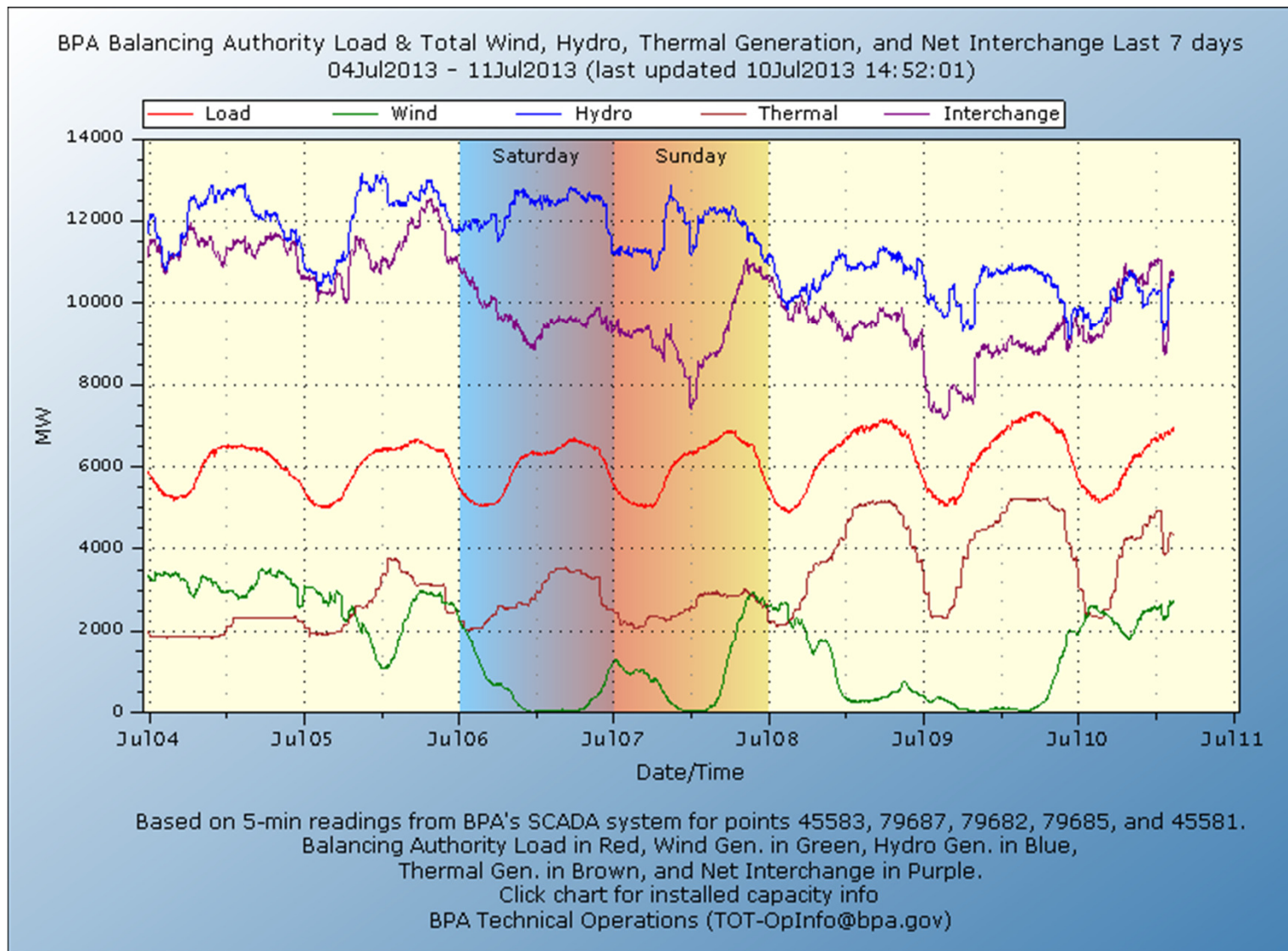
	<i>Jul 9</i>	<i>Jul 9</i>	
	NWRFC	Observed	Percent
<u>January-July</u>	ESP volcast	Since 1-Jan	Remaining
Grand Coulee	64,408	57,833	10.2%
Lower Granite	19,257	18,236	5.3%
The Dalles	98,511	90,143	8.5%

	NWRFC	Observed	Percent
<u>April-August</u>	ESP volcast	Since 1-Apr	Remaining
Grand Coulee	62,089	49,568	20.2%
Lower Granite	15,373	13,174	14.3%
The Dalles	88,369	72,155	18.3%

Weather and Streamflow



Balancing Authority Load and Total Wind, Hydro, and Thermal Generation



Transmission Updates

■ COI N>S

- 4520 MW: To 7/10 HE 18 due to CISO-Tesla 500kV Series Cap BK 4
- 4700 MW: 7/10 HE 19 to 7/12 HE 11 due to BPA-Fort Rock; Grizzly-Captain Jack 1 500kV Line Series Cap Group 1

■ PDCI N>S

- 2990 MW: At rated capacity over next 7 days.

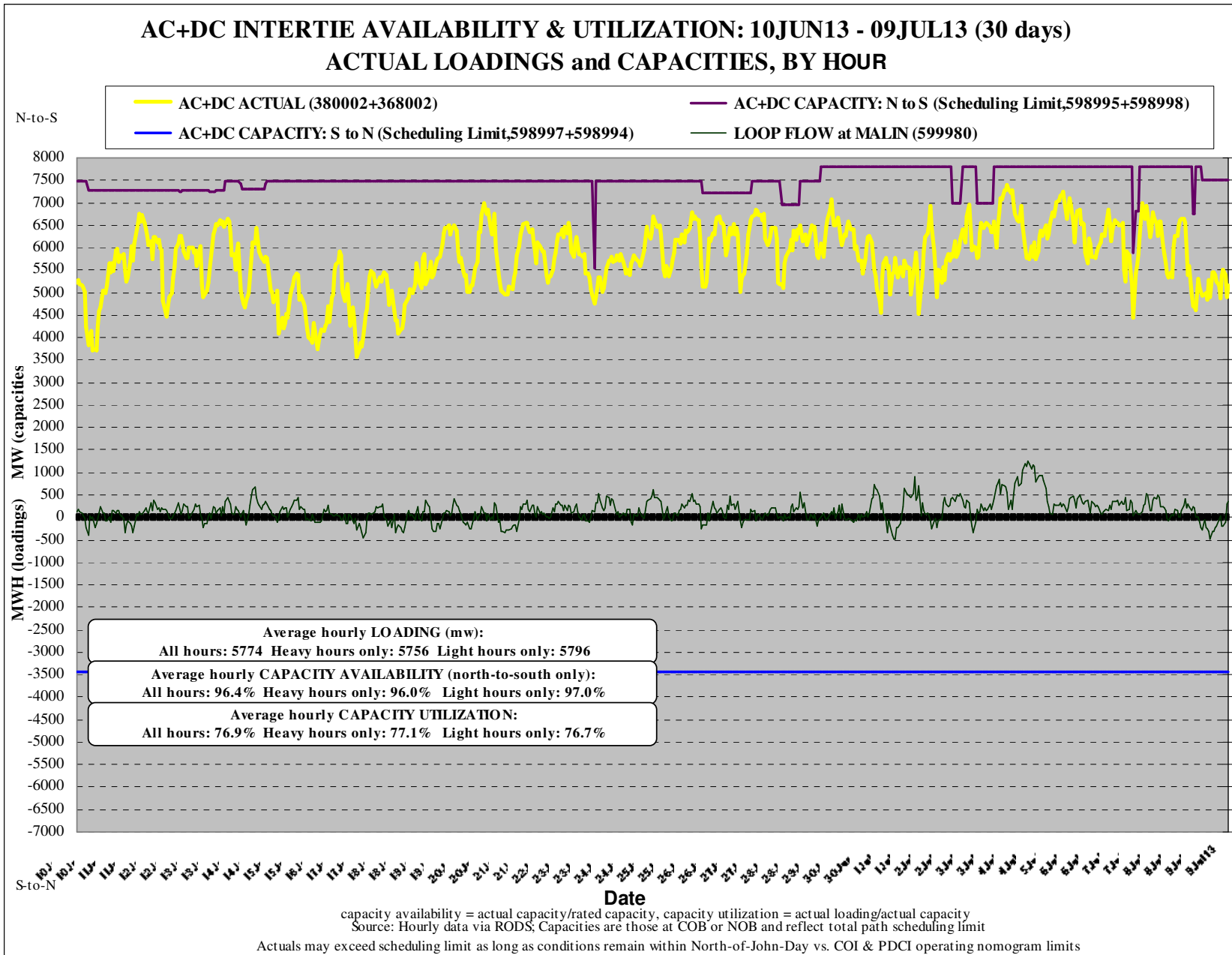


Chart available on BPA's website at: http://transmission.bpa.gov/business/operations/intertie/interties/ac_dc.xls

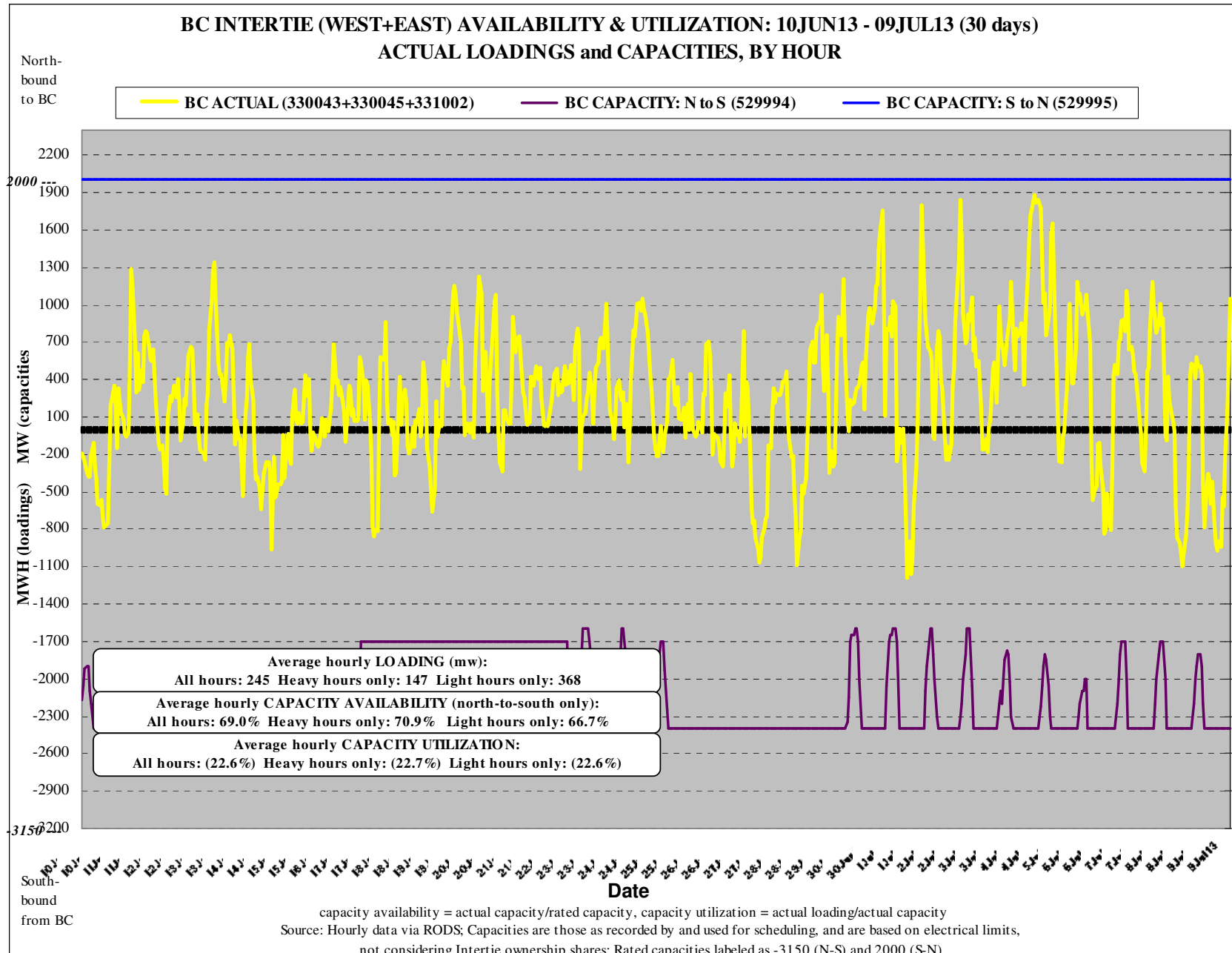


Chart available on BPA's website at: <http://transmission.bpa.gov/business/operations/intertie/interties/bcinter.xls>

Contact Information

- To discuss within month commercial transactions, please contact Robert Johnson at (503) 230-3183, rcjohnson@bpa.gov.
- To discuss prompt month and forward transactions, please contact Alex Spain at (503) 230-5780, ajspain@bpa.gov or Mark Miller at (503) 230-5780, memiller@bpa.gov.
- For additional information on Oversupply, please contact:
Project Manager: Nita Burbank - (503) 230-3935, nmburbank@bpa.gov
Public Engagement: Maryam Asgharian - (503) 230-4413, maasgharian@bpa.gov
- Oversupply website:
<http://www.bpa.gov/corporate/AgencyTopics/ColumbiaRiverHighWaterMgmt/>